

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CA2004/001457

## A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H01L-27/146, H01L-31/08

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L-27/146, H01L-31/08

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base, and, where practicable, search terms used)

Canadian Patent Database, USPTO, Pluspat, IEEE Iexplore (readout, detector, fluoroscopy, radiography)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO02067337A2 (Nathan et al.) 29/05/2002 *p. 4, lines 18-35, figs. 5 and 9*	1-6, 14-18, 25
X	Karim K S et al: "Active Pixel TFT Array for Digital Imaging Applications" Thin Film Transistor Technologies V. Proceedings of the International Symposium (Electrochemical society Proceedings Vol. 2000-31), thin Film transistor Technologies V. Proceedings of the International Symposium, Phoenix, AZ, USA, 23-25 Oct. 2000, pp. 320-332, XP008013850 2001, Pennington, NJ, USA, Electrochem. Soc., USA ISBN: 1-56677-298-2 *p. 320, lines 1-10, p. 321, lines 1-9, p. 322, lines 12-14, fig. 2*	1-3, 14-15, 25

Further documents are listed in the continuation of Box C.

Patent family members are listed in annex.

* Special categories of cited documents :	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
"A"	document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E"	earlier application or patent but published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O"	document referring to an oral disclosure, use, exhibition or other means		
"P"	document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international-type search  
20 October 2004 (20-10-2004)Date of mailing of the international-type search report  
03 December 2004 (03-12-2004)Name and mailing address of the ISA/  
Commissioner of Patents  
Canadian Patent Office - PCT  
Ottawa/Gatineau K1A 0C9  
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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
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Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
WO02067337	29-08-2002	US2004135911 A1 WO02067337 A2	15-07-2004 29-08-2002